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Applicant : Corvera et al. Art Unit : 1614
Serial No. : 10/634,679 Examiner : Unknown
Filed : August 4, 2003
Title : LIPID BINDING MOLECULES AND METHODS OF USE

MAIL STOP AMENDMENT
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INFORMATION DISCLOSURE STATEMENT

Applicants submit the references listed on the attached form PTO-1449. References A3 and C6 were cited in a communication from a foreign patent office in a counterpart application (copy enclosed).

This statement is being filed before the receipt of a first Office action on the merits. Please apply any charges or credits to Deposit Account No. 06-1050, referencing Attorney Docket No. 07917-171001.

Respectfully submitted,

Date: 7-2-2004

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Substitute Form PTO-1449 (Modified)	U.S. Department of Commerce Patent and Trademark Office	Attorney's Docket No. 07917-171001	Application No. 10/634,679
Information Disclosure Statement by Applicant (Use several sheets if necessary) (37 CFR §1.98(b))		Applicant Corvera *et al.*	
		Filing Date August 4, 2003	Group Art Unit

U.S. Patent Documents

Examiner Initial	Desig. ID	Document Number	Publication Date	Patentee	Class	Subclass	Filing Date If Appropriate
	A1	6,221,841	Apr. 24, 2001	Czech et al.			
	A2	US 2002/0028477 A1	Mar. 7, 2002	Goueli et al.			5/31/2001
	A3	6,596,499	Jul. 22, 2003	Jalink			

Foreign Patent Documents or Published Foreign Patent Applications

Desig. ID	Document Number	Publication Date	Country or Patent Office	Class	Subclass	Translation Yes	Translation No
B1							

Other Documents (include Author, Title, Date, and Place of Publication)

Examiner Initial	Desig. ID	Document
	C1	Burd and Emr, "Phosphatidylinositol(3)-phosphate signaling mediated by specific binding to RING FYVE domains," *Mol. Cell.* 2(1):157-62 (1998)
	C2	Cheever *et al.*, "Phox domain interaction with PtdIns(3)P targets the Vam7 t-SNARE to vacuole membranes," *Nat. Cell. Biol.* 3(7):613-8 (2001)
	C3	Christoforidis *et al.*, "The Rab5 effector EEA1 is a core component of endosome docking," *Nature* 397(6720):621-5 (1999)
	C4	Colombo *et al.*, "Calmodulin regulates endosome fusion," *J. Biol. Chem.* 272(12):7707-12 (1997)
	C5	Dumas *et al.*, "Multivalent endosome targeting by homodimeric EEA1," *Mol Cell* 8(5):947-58 (2001)
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	C7	Ellson *et al.*, "PtdIns(3)P regulates the neutorphil oxidase complex by binding to the PX domain of p40(phox)," *Nat. Cell. Biol.* 3(7):679-82 (2001)
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	C12	Gillooly *et al.*, "Phosphoinositides and phagocytosis," *J. Cell Biology*, 155(1):15-17 (2001)
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EXAMINER: Initials citation considered. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.	

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	C14	Gorvel *et al.*, "rab5 controls early endosome fusion in vitro," *Cell* 64(5):915-25 (1991)
	C15	Kanai *et al.*, "The PX domains of p47phox and p40phox bind to lipid products of PI(3)K," *Nat. Cell Biol.* 3(7):675-8 (2001)
	C16	Komada and Soriano, "Hrs, a FYVE finger protein localized to early endosomes, is implicated in vesicular traffic and required for ventral folding morphogenesis," *Genes Dev.* 13(11):1475-1485 (1999)
	C17	Lawe et al., "Sequential roles for phosphatidylinositol 3-phosphate and Rab5 in tethering and fusion of early endosomes via their interaction with EEA1," *J. Biol. Chem.* 227(10):8611-7 (2002)
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	C23	Otto *et al.*, "The p150-Spir protein provides a link between c-Jun N-terminal kinase function and actin reorganization," *Curr. Biol.* 10(6):345-348 (2000)
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	C28	Shpetner *et al.*, "Potential sites of PI-3 kinase function in the endocytic pathway revealed by the PI-3 kinase inhibitor, wortmannin," *J. Cell. Biol.* 132(4):595-605 (1996)
	C29	Shisheva *et al.*, "Cloning, characterization, and expression of a novel Zn2+-binding FYVE finger-containing phosphoinositide kinase in insulin-sensitive cells," *Mol. Cell. Biol.* 19(1):623-634 (1999)
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	C33	Song et al., "Phox homology domains specifically bind phosphatidylinositol phosphates," *Biochemistry* 40(30):8940-44 (2001)
	C34	Stenmark *et al.*, "Endosomal localization of the autoantigen EEA1 is mediated by a zinc-binding FYVE finger," *J. Biol. Chem.*, 271(39):24048-24054 (1996)

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	C35	Tsukazaki *et al.*, "SARA, a FYVE domain protein that recruits Smad2 to the TGFbeta receptor," *Cell* 95(6):779-791 (1998)
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	C38	Wiedemann and Cockcroft, "Sticky fingers grab a lipid," *Nature* 394(6692):426-427 (1998)
	C39	Xu *et al.*, "SNX3 regulates endosomal function through its PX-domain-mediated interaction with PtdIns(3)P," *Nat. Cell. Biol.* 3(7):658-66 (2001)
	C40	Yu and Lemmon., "All phox homology (PX) domains from Saccharomyces cerevisiae specifically recognize phosphatidylinositol 3-phosphate," *J. Biol. Chem.* 276(47):44179-84 (2001)
	C41	Zhao *et al.*, "FYVE-DSP1, a dual-specificity protein phosphatase containing an FYVE domain," *Biochem. Biophys. Res. Commun.* 270(1):222-229 (2000)
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